

Art Unit: 2856

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Alan D. Kirsch on 06/19/06.

2. The application has been amended as follows:

In the Claims:

Delete claims 2 and 17. ✓
before

IDC-A1,AMD

BRS
07/27/06

<p>In claim 1, after " " insert -- and said ultrasonic pulser-receiver circuitry when in operation having a rise time of less than 5 nanoseconds--.</p>
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before
In claim 16, ~~after " " insert --~~ and said ultrasonic pulser-receiver circuitry when in operation having a rise time of less than 5 nanoseconds--.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance: The prior art of record taken alone and in combination does not disclose "receiver circuitry supported by the circuit board, coupled to the pulser circuitry, including protection circuitry configured to protect against the ultrasonic pulse and including amplifier circuitry configured to amplify an echo, received back by the transducer, of the output pulse; and a connector configured to couple the ultrasonic transducer directly